

ABSTRACT OF THE DISCLOSURE

A device for figuring objects by means of material erosion of the surface thereof, comprising a pulsed laser beam and a deflection device through which the laser beam is directed at the object surface and via which the object surface is guided.

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AB The invention is suitable for figuring natural optical lenses made from a biological substance or artificial optical lenses. The inventive device is provided with an optical device to modify the distribution of the radiation intensity inside the laser beam cross section. The radiation intensity, once the laser beam has passed through the optical device, has a bell-shaped or Gaussian-like distribution in at least one cross sectional
10 direction through the laser beam.

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